

## ON-VEHICLE NAVIGATION SYSTEM

Publication number: JP2001056230

Publication date: 2001-02-27

Inventor: SEKINE TAKEHIRO; IGARASHI YOJI

Applicant: ALPINE ELECTRONICS INC

Classification:

- International: G09B29/00; G01C21/00; G08G1/0969; G09B29/10;  
G09B29/00; G01C21/00; G08G1/0969; G09B29/10;  
(IPC1-7): G01C21/00; G08G1/0969; G09B29/00;  
G09B29/10

- European:

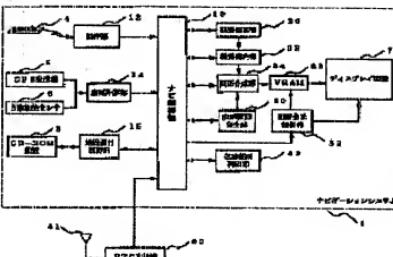
Application number: JP19990234640 19990820

Priority number(s): JP19990234640 19990820

[Report a data error here](#)

### Abstract of JP2001056230

**PROBLEM TO BE SOLVED:** To normally permit the search of a closer route to a route selection made by a driver by a re-searching a route to the destination with road classification in the travel of its own vehicle as a priority route when the road classification, travel and road classification on a guide path are different due to an own vehicle position being off a road on the guide path. **SOLUTION:** When its own vehicle position coordinates specified by a coordinate computing part 14 based on information from a GPS receiver 5 and a self-contained navigation sensor 6 are not on a guide route, a branch point where its own vehicle ran off the guide route and road classification where the own vehicle was traveling until reaching the branch point are confirmed to set the road classification. Road classification in the present travel of its own vehicle is then confirmed to set the road classification. In the case of judging the difference of road classifications as a result of comparing both road classifications, the road classification in the present travel of the own vehicle is set as a priority road for a route search, and a route to the destination from the traveling position of its own vehicle set as a new starting point is re-searched by a route searching part 20. The re-searching route is transmitted as a guide route to a route guide part 22.



Data supplied from the [esp@cenet](mailto:esp@cenet) database - Worldwide







